GenCore version 5.1.3

OM nucleic - nucleic search, using sw model

Run on: February 24, 2003, 14:01:37 ; Search time 23.9859 Seconds
(without alignments)
10490.107 Million cell updates/sec

Title: US-09-922-895-4
Perfect score: 448
Sequence: 1 TAGGTCAGATGCAGAAAATT.....CCCTGCTTAATGAAAAGCTT 448

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 442118 seqs, 280819700 residues

Total number of hits satisfying chosen parameters: 884236

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published_Applications_NA:*
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13: /cgn2_6/ptodata/1/pubpna/US60_NEW_PUB.seq:*
14: /cgn2_6/ptodata/1/pubpna/US60_PUBCOMB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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	2	448	100.0	1717	10	US-09-964-824A-100	Sequence 100, App
	3	448	100.0	1915	12	US-10-106-623-3	Sequence 3, Appli
	4	380.4	84.9	1689	10	US-09-931-381A-15	Sequence 15, Appl
c	5	37.2	8.3	10716	10	US-09-954-456-270	Sequence 270, App
c	6	37.2	8.3	12003	10	US-09-764-877-3976	Sequence 3976, Ap
	7	37	8.3	1279	9	US-09-822-846-373	Sequence 373, App
c	8	36.8	8.2	1378	10	US-09-820-893-28	Sequence 28, Appl
c	9	36.4	8.1	99014	10	US-09-880-107-3428	Sequence 3428, Ap
c	10	36.4	8.1	335913	9	US-09-754-853A-2	Sequence 2, Appli
c	11	36.4	8.1	335913	9	US-09-754-853A-3	Sequence 3, Appli
	12	36.2	8.1	17431	10	US-09-764-855-247	Sequence 247, App
	13	36	8.0	21591	10	US-09-070-927A-110	Sequence 110, App
	14	35.8	8.0	1431	10	US-09-774-414-2	Sequence 2, Appli
	15	35.6	7.9	684973	10	US-09-263-959-1	Sequence 1, Appli
c	16	35.4	7.9	2000	9	US-09-938-842A-3864	Sequence 3864, Ap
	17	35.4	7.9	41100	10	US-09-755-665-46	Sequence 46, Appl
	18	35	7.8	419	10	US-09-960-352-11234	Sequence 11234, A
c	19	35	7.8	6652	12	US-10-044-090-762	Sequence 762, App
c	20	35	7.8	13824	10	US-09-764-877-3492	Sequence 3492, Ap
c	21	35	7.8	640681	10	US-09-790-988-1	Sequence 1, Appli
c	22	34.8	7.8	2712	10	US-09-764-877-3949	Sequence 3949, Ap
	23	34.8	7.8	465237	10	US-09-933-267A-1	Sequence 1, Appli
	24	34.6	7.7	395	10	US-09-864-761-15746	Sequence 15746, A
	25	34.6	7.7	2846	9	US-10-008-016-1	Sequence 1, Appli
c	26	34.6	7.7	26197	10	US-09-764-847-1965	Sequence 1965, Ap
c	27	34.6	7.7	26210	10	US-09-764-847-1966	Sequence 1966, Ap
c	28	34.4	7.7	365	10	US-09-764-877-188	Sequence 188, App
c	29	34.4	7.7	405	10	US-09-960-352-1498	Sequence 1498, Ap
	30	34.4	7.7	2000	9	US-09-938-842A-3853	Sequence 3853, Ap
c	31	34.4	7.7	127197	9	US-09-754-853A-1	Sequence 1, Appli
c	32	34.4	7.7	465237	10	US-09-933-267A-1	Sequence 1, Appli
	33	34.2	7.6	352	10	US-09-783-590-1700	Sequence 1700, Ap
	34	34.2	7.6	640681	10	US-09-790-988-1	Sequence 1, Appli
	35	34	7.6	431	10	US-09-969-373-739	Sequence 739, App
	36	34	7.6	74586	10	US-09-781-558-3	Sequence 3, Appli
	37	34	7.6	127197	9	US-09-754-853A-1	Sequence 1, Appli
c	38	34	7.6	397658	10	US-09-813-320-3	Sequence 3, Appli
c	39	33.8	7.5	451	10	US-09-864-761-13782	Sequence 13782, A
c	40	33.8	7.5	507	10	US-09-813-358-50	Sequence 50, Appl
	41	33.8	7.5	2000	9	US-09-938-842A-3193	Sequence 3193, Ap
	42	33.8	7.5	2681	10	US-09-764-847-1237	Sequence 1237, Ap
	43	33.8	7.5	10248	10	US-09-764-847-1238	Sequence 1238, Ap
c	44	33.6	7.5	1430	9	US-09-938-842A-4738	Sequence 4738, Ap
c	45	33.6	7.5	2000	9	US-09-938-842A-3251	Sequence 3251, Ap

ALIGNMENTS

RESULT 1
US-09-922-895-4
; Sequence 4, Application US/09922895
; Publication No. US20020192214A1
; GENERAL INFORMATION:
; APPLICANT: DAUGHERTY, BRUCE L.
; DEMARTINO, JULIE A.
; SICILIANO, SALVATORE J.
; SPRINGER, MARTIN J.
; TITLE OF INVENTION: EOSINOPHIL EOTAXIN RECEPTOR
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Merck & Co., Inc.
; STREET: P.O. Box 2000, 126 E. Lincoln Ave.
; CITY: Rahway
; STATE: NJ
; COUNTRY: USA
; ZIP: 07065-0900
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/922,895
; FILING DATE: 06-Aug-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/847,296
; FILING DATE: <Unknown>
; APPLICATION NUMBER: 60/017,113
; FILING DATE: 26-APR-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Thies, J. Eric
; REGISTRATION NUMBER: 35,382
; REFERENCE/DOCKET NUMBER: 19634Y
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 908-594-3904
; TELEFAX: 908-594-4720
; TELEX: <Unknown>
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:

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;             LENGTH: 448 base pairs
;             TYPE: nucleic acid
;             STRANDEDNESS: single
;             TOPOLOGY: linear
;         MOLECULE TYPE: cDNA
;         SEQUENCE DESCRIPTION: SEQ ID NO: 4:
US-09-922-895-4

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  Matches  448;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

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Qy    121 TTGAAGACACTGAAATATACACACAGCAGTAGCAGTAGATGCATGTACCCTAAGGTCATT 180
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Db    121 TTGAAGACACTGAAATATACACACAGCAGTAGCAGTAGATGCATGTACCCTAAGGTCATT 180

Qy    181 ACCACAGGCCAGGGGCTGGGCAGCGTACTCATCATCAACCCTAAAAAGCAGAGCTTTGCT 240
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Qy    421 AGTTCTTTCCCTGCTTAATGAAAAGCTT 448
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RESULT 2
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; Sequence 100, Application US/09964824A
; Patent No. US20020102531A1
; GENERAL INFORMATION:
;  APPLICANT: Horrigan, Stephen
;  TITLE OF INVENTION: Cancer Gene Determination and Therapeutic Screening Using Signatu
;  TITLE OF INVENTION:  Sets
;  FILE REFERENCE: 689290-73
;  CURRENT APPLICATION NUMBER: US/09/964,824A
;  CURRENT FILING DATE:  2001-09-27
;  PRIOR APPLICATION NUMBER: US/60/236,033
;  PRIOR FILING DATE: 2000-09-28
;  PRIOR APPLICATION NUMBER: US/60/236,032
;  PRIOR FILING DATE: 2000-09-28
;  PRIOR APPLICATION NUMBER: US/60/236,028
;  PRIOR FILING DATE: 2000-09-28
;  NUMBER OF SEQ ID NOS: 583
;  SOFTWARE: PatentIn version 3.0
; SEQ ID NO 100
;   LENGTH: 1717
;   TYPE: DNA
;   ORGANISM: Homo sapiens
US-09-964-824A-100

  Query Match             100.0%;  Score 448;  DB 10;  Length 1717;
  Best Local Similarity   100.0%;  Pred. No. 1.6e-99;
  Matches  448;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy      1 TAGGTCAGATGCAGAAAATTGCCTAAAGAGGAAGGACCAAGGAGATGAAGCAAACACATT 60
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Db   1270 TAGGTCAGATGCAGAAAATTGCCTAAAGAGGAAGGACCAAGGAGATGAAGCAAACACATT 1329

Qy     61 AAGCCTTCCACACTCACCTCTAAAACAGTCCTTCAAACTTCCAGTGCAACACTGAAGCTC 120
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Db   1330 AAGCCTTCCACACTCACCTCTAAAACAGTCCTTCAAACTTCCAGTGCAACACTGAAGCTC 1389

Qy    121 TTGAAGACACTGAAATATACACACAGCAGTAGCAGTAGATGCATGTACCCTAAGGTCATT 180
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Db   1390 TTGAAGACACTGAAATATACACACAGCAGTAGCAGTAGATGCATGTACCCTAAGGTCATT 1449

Qy    181 ACCACAGGCCAGGGGCTGGGCAGCGTACTCATCATCAACCCTAAAAAGCAGAGCTTTGCT 240
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Qy    241 TCTCTCTCTAAAATGAGTTACCTACATTTTAATGCACCTGAATGTTAGATAGTTACTATA 300
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Qy    301 TGCCGCTACAAAAAGGTAAAACTTTTTATATTTTATACATTAACTTCAGCCAGCTATTGA 360
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Qy    361 TATAAATAAAACATTTTCACACAATACAATAAGTTAACTATTTTATTTTCTAATGTGCCT 420
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Db   1630 TATAAATAAAACATTTTCACACAATACAATAAGTTAACTATTTTATTTTCTAATGTGCCT 1689

Qy    421 AGTTCTTTCCCTGCTTAATGAAAAGCTT 448
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RESULT 3
US-10-106-623-3
; Sequence 3, Application US/10106623
; Patent No. US20020150888A1
;  GENERAL INFORMATION:
;       APPLICANT: Gray, Patrick W.
;                  Schweickart, Vicky L.
;                  Raport, Carol J.
;       TITLE OF INVENTION: Chemokine Receptor Materials and Methods
;       NUMBER OF SEQUENCES: 20
;       CORRESPONDENCE ADDRESS:
;            ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
;            STREET: 6300 Sears Tower, 233 S. Wacker Drive
;            CITY: Chicago
;            STATE: Illinois
;            COUNTRY: USA
;            ZIP: 60606
;       COMPUTER READABLE FORM:
;            MEDIUM TYPE: Floppy disk
;            COMPUTER: IBM PC compatible
;            OPERATING SYSTEM: PC-DOS/MS-DOS
;            SOFTWARE: PatentIn Release #1.0, Version #1.30
;       CURRENT APPLICATION DATA:
;            APPLICATION NUMBER: US/10/106,623
;            FILING DATE: 26-Mar-2002
;            CLASSIFICATION: <Unknown>
;       PRIOR APPLICATION DATA:
;            APPLICATION NUMBER: 08/771,276
;            FILING DATE: <Unknown>
;       ATTORNEY/AGENT INFORMATION:
;            NAME: No. US20020150888A1and, Greta E.
;            REGISTRATION NUMBER: 35,302
;            REFERENCE/DOCKET NUMBER: 27866/33670
;       TELECOMMUNICATION INFORMATION:
;            TELEPHONE: 312-474-6300
;            TELEFAX: 312-474-0448
;  INFORMATION FOR SEQ ID NO: 3:
;       SEQUENCE CHARACTERISTICS:
;            LENGTH: 1915 base pairs
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;             TYPE: nucleic acid
;             STRANDEDNESS: single
;             TOPOLOGY: linear
;         MOLECULE TYPE: cDNA
;         FEATURE:
;             NAME/KEY:  CDS
;             LOCATION:  362..1426
;         FEATURE:
;             NAME/KEY:  misc_feature
;             OTHER INFORMATION:  /= "88-2B polynucleotide and amino acid
;             sequences"
;         SEQUENCE DESCRIPTION: SEQ ID NO: 3:
US-10-106-623-3

  Query Match             100.0%;  Score 448;  DB 12;  Length 1915;
  Best Local Similarity   100.0%;  Pred. No. 1.6e-99;
  Matches  448;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy       1 TAGGTCAGATGCAGAAAATTGCCTAAAGAGGAAGGACCAAGGAGATGAAGCAAACACATT 60
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Db    1427 TAGGTCAGATGCAGAAAATTGCCTAAAGAGGAAGGACCAAGGAGATGAAGCAAACACATT 1486

Qy      61 AAGCCTTCCACACTCACCTCTAAAACAGTCCTTCAAACTTCCAGTGCAACACTGAAGCTC 120
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Db    1487 AAGCCTTCCACACTCACCTCTAAAACAGTCCTTCAAACTTCCAGTGCAACACTGAAGCTC 1546

Qy     121 TTGAAGACACTGAAATATACACACAGCAGTAGCAGTAGATGCATGTACCCTAAGGTCATT 180
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Db    1547 TTGAAGACACTGAAATATACACACAGCAGTAGCAGTAGATGCATGTACCCTAAGGTCATT 1606

Qy     181 ACCACAGGCCAGGGGCTGGGCAGCGTACTCATCATCAACCCTAAAAAGCAGAGCTTTGCT 240
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Qy     241 TCTCTCTCTAAAATGAGTTACCTACATTTTAATGCACCTGAATGTTAGATAGTTACTATA 300
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Qy     361 TATAAATAAAACATTTTCACACAATACAATAAGTTAACTATTTTATTTTCTAATGTGCCT 420
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Db    1787 TATAAATAAAACATTTTCACACAATACAATAAGTTAACTATTTTATTTTCTAATGTGCCT 1846

Qy     421 AGTTCTTTCCCTGCTTAATGAAAAGCTT 448
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Db    1847 AGTTCTTTCCCTGCTTAATGAAAAGCTT 1874


RESULT 4
US-09-931-381A-15
; Sequence 15, Application US/09931381A
; Patent No. US20020137107A1
; GENERAL INFORMATION:
;  APPLICANT: Butcher, Eugene C.
;  APPLICANT:  Kunkel, Eric J.
;  APPLICANT:  Pan, Junliang
;  APPLICANT:  Soler-Ferran, Dulce
;  TITLE OF INVENTION: Method for Identifying Agents Which
;  TITLE OF INVENTION:  Modulate Chemokine "MEC"-Induced Functions of CCR3 and/or
;  TITLE OF INVENTION:  CCR10
;  FILE REFERENCE: 1855.2010-003
;  CURRENT APPLICATION NUMBER: US/09/931,381A
;  CURRENT FILING DATE:  2001-08-15
;  PRIOR APPLICATION NUMBER: U.S. 09/638,914
;  PRIOR FILING DATE: 2000-08-15
;  NUMBER OF SEQ ID NOS: 24
;  SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 15
;   LENGTH: 1689
;   TYPE: DNA
;   ORGANISM: Homo sapiens
;   FEATURE:
;   NAME/KEY: CDS
;   LOCATION: (181)...(1248)
;   NAME/KEY: misc_feature
;   LOCATION: (1291)...(1291)
;   OTHER INFORMATION: n = A, T, C or G
US-09-931-381A-15

  Query Match             84.9%;  Score 380.4;  DB 10;  Length 1689;
  Best Local Similarity   98.4%;  Pred. No. 3.7e-83;
  Matches  436;  Conservative    0;  Mismatches    2;  Indels    5;  Gaps    5;

Qy       7 AGATGCAGAAAATTGCCTAAAGAGGAAGGACCAAGGAGATGAAGCAAACACATTAAGCCT 66
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Db    1251 AGATGCAGAAAATTGCCTAAAGAGGAAGGACCAAGGAGATNAAGCAAACACATTAAGCCT 1310

Qy      67 TCCACACTCACCTCTAAAACAGTCCTTCAAA-CTTCCAGTGCAACACTGAAGCTCTTGAA 125
          |||||||||||||||||||||||||||||| ||||||||||||||||||||||||| ||
Db    1311 TCCACACTCACCTCTAAAACAGTCCTTCAAACCTTCCAGTGCAACACTGAAGCTCTT-AA 1369

Qy     126 GACACTGAAATATACACACAGCAGTAGCAGTAGATGCATGTACCCTAAGGTCATTACCAC 185
          |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    1370 GACACTGAAATATACACACAGCAGTAGCAGTAGATGCATGTACCCTAAGGTCATTACCAC 1429

Qy     186 AGGCCAGGGGCTGGGCAGCGTACTCATCATCAACCCTAAAAAGCAGAGCTTTGCTTCTCT 245
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Db    1430 AGGCCA-GGGCTGGGCAGCGTACTCATCATCAA-CCTAAAAAGCAGAGCTTTGCTTCTCT 1487

Qy     246 CTCTAAAATGAGTTACCTACATTTTAATGCACCTGAATGTTAGATAGTTACTATATGCCG 305
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Db    1488 CTCTAAAATGAGTTACCTATATTTTAATGCACCTGAATGTTAGATAGTTACTATATGCCG 1547

Qy     306 CTACAAAAAGGTAAAACTTTTTATATTTTATACATTAACTTCAGCCAGCTATTGATATAA 365
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Db    1548 CTACAAAAAGGTAAAACTTTTTATATTTTATACATTAACTTCAGCCAGCTATT-ATATAA 1606

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Db    1667 TTTCCCTGCTTAATGAAAAGCTT 1689


RESULT 5
US-09-954-456-270/c
; Sequence 270, Application US/09954456
; Patent No. US20020115057A1
; GENERAL INFORMATION:
;  APPLICANT: Young, Paul
;  TITLE OF INVENTION: Process for Identifying Anti-Cancer Therapeutic Agents Using C
;  TITLE OF INVENTION:  Sets
;  FILE REFERENCE: 689290-76
;  CURRENT APPLICATION NUMBER: US/09/954,456
;  CURRENT FILING DATE:  2001-09-18
;  PRIOR APPLICATION NUMBER: US/60/233,617
;  PRIOR FILING DATE: 2000-09-18
;  PRIOR APPLICATION NUMBER: US/60/234,052
;  PRIOR FILING DATE: 2000-09-20
;  PRIOR APPLICATION NUMBER: US/60/234,923
;  PRIOR FILING DATE: 2000-09-25
;  PRIOR APPLICATION NUMBER: US/60/235,134
;  PRIOR FILING DATE: 2000-09-25
;  PRIOR APPLICATION NUMBER: US/60/235,637
;  PRIOR FILING DATE: 2000-09-26
;  PRIOR APPLICATION NUMBER: US/60/235,638
;  PRIOR FILING DATE: 2000-09-26
;  PRIOR APPLICATION NUMBER: US/60/235,711
;  PRIOR FILING DATE: 2000-09-27
;  PRIOR APPLICATION NUMBER: US/60/235,720
;  PRIOR FILING DATE: 2000-09-27
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;  PRIOR APPLICATION NUMBER: US/60/235,840
;  PRIOR FILING DATE: 2000-09-27
;  PRIOR APPLICATION NUMBER: US/60/235,863
;  PRIOR FILING DATE: 2000-09-27
;  NUMBER OF SEQ ID NOS: 2276
;  SOFTWARE: PatentIn version 3.0
; SEQ ID NO 270
;   LENGTH: 10716
;   TYPE: DNA
;   ORGANISM: Homo sapiens
US-09-954-456-270

  Query Match             8.3%;  Score 37.2;  DB 10;  Length 10716;
  Best Local Similarity   56.6%;  Pred. No. 9.1;
  Matches   69;  Conservative    0;  Mismatches   53;  Indels    0;  Gaps    0;

Qy    250 AAAATGAGTTACCTACATTTTAATGCACCTGAATGTTAGATAGTTACTATATGCCGCTAC 309
          || |||  |  |  |||  | ||   || || |  |||  | || | ||  |  | ||||
Db  10413 AATATGCATGCCTGACAGGTGAAAAGACTTGGAATTTATCTTGTGAATAGTTTTCTCTAC 10354

Qy    310 AAAAAGGTAAAACTTTTTATATTTTATACATTAACTTCAGCCAGCTATTGATATAAATAA 369
          |||| || |||  |  ||| | || | ||     |||||||    ||   ||    ||||
Db  10353 AAAACGGCAAAGTTAATTAAAATTAACACTCATCCTTCAGCAGTATAAATATGCTCATAA 10294

Qy    370 AA 371
          ||
Db  10293 AA 10292


RESULT 6
US-09-764-877-3976/c
; Sequence 3976, Application US/09764877
; Patent No. US20020147140A1
; GENERAL INFORMATION:
;  APPLICANT: Rosen et al.
;  TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
;  FILE REFERENCE: PC005
;  CURRENT APPLICATION NUMBER: US/09/764,877
;  CURRENT FILING DATE:  2001-01-17
;  Prior application data removed - refer to PALM or file wrapper
;  NUMBER OF SEQ ID NOS: 4031
;  SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3976
;   LENGTH: 12003
;   TYPE: DNA
;   ORGANISM: Homo sapiens
US-09-764-877-3976

  Query Match             8.3%;  Score 37.2;  DB 10;  Length 12003;
  Best Local Similarity   50.0%;  Pred. No. 9.4;
  Matches   93;  Conservative    0;  Mismatches   93;  Indels    0;  Gaps    0;

Qy    259 TACCTACATTTTAATGCACCTGAATGTTAGATAGTTACTATATGCCGCTACAAAAAGGTA 318
          ||  |||||| ||||        || ||| | |  |   |||||        || | ||
Db   1416 TAAATACATTATAATTATGTACTATATTACACATATTACATATGTTATATATAATACGTT 1357

Qy    319 AAACTTTTTATATTTTATACATTAACTTCAGCCAGCTATTGATATAAATAAAACATTTTC 378
          |||  |  ||||||  |||  ||  |||||||     ||  |   ||||  ||    | |
Db   1356 AAATATGCTATATTAAATATGTTTGCTTCAGCAGCACATATACTAAAATTGAAACAATAC 1297

Qy    379 ACACAATACAATAAGTTAACTATTTTATTTTCTAATGTGCCTAGTTCTTTCCCTGCTTAA 438
          | | || |  |  |     |||||  |  ||   |  || |    || | ||  |    |
Db   1296 AGAGAAGATTAGCATGGTCCTATTATTATTAGCATGGTCCTATATTATATCTATTAGCAT 1237

Qy    439 TGAAAA 444
            || ||
Db   1236 AGATAA 1231


RESULT 7
US-09-822-846-373
; Sequence 373, Application US/09822846
; Publication No. US20030027139A1
; GENERAL INFORMATION:
;  APPLICANT: Jacobs, Kenneth
;  APPLICANT:  McCoy, John M.
;  APPLICANT:  LaVallie, Edward R.
;  APPLICANT:  Collins-Racie, Lisa A.
;  APPLICANT:  Evans, Cheryl
;  APPLICANT:  Merberg, David
;  APPLICANT:  Treacy, Maurice
;  APPLICANT:  Agostino, Michael J.
;  APPLICANT:  Steininger II, Robert J.
;  APPLICANT:  Bowman, Michael R.
;  APPLICANT:  Spaulding, Vikki
;  APPLICANT:  Wong, Gordon G.
;  APPLICANT:  Clark, Hilary
;  APPLICANT:  Fechtel, Kim
;  APPLICANT:  Howes, Steven H.
;  APPLICANT:  Resnick, Richard J.
;  APPLICANT:  Gulukota, Kamalakar
;  APPLICANT:  Graham, James R.
;  APPLICANT:  Genetics Institute, Inc.
;  TITLE OF INVENTION: POLYNUCLEOTIDES ENCODING NOVEL SECRETED PROTEINS
;  FILE REFERENCE: GIN 6400
;  CURRENT APPLICATION NUMBER: US/09/822,846
;  CURRENT FILING DATE:  2001-03-29
;  PRIOR APPLICATION NUMBER: 60/195,605
;  PRIOR FILING DATE: 2000-04-06
;  NUMBER OF SEQ ID NOS: 629
;  SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 373
;   LENGTH: 1279
;   TYPE: DNA
;   ORGANISM: Homo sapiens
US-09-822-846-373

  Query Match             8.3%;  Score 37;  DB 9;  Length 1279;
  Best Local Similarity   48.4%;  Pred. No. 5.4;
  Matches  103;  Conservative    0;  Mismatches  110;  Indels    0;  Gaps    0;

Qy    205 GTACTCATCATCAACCCTAAAAAGCAGAGCTTTGCTTCTCTCTCTAAAATGAGTTACCTA 264
          ||| |  |  |  | | | | |  |  | |  ||   ||  || | |  |  || || ||||
Db    773 GTAATGTTGCTTGAACTTTATGACTACATTTTCTTTTAACTTTTTTCATGGACTTCCCTA 832

Qy    265 CATTTTAATGCACCTGAATGTTAGATAGTTACTATATGCCGCTACAAAAAGGTAAAACTT 324
           || |  ||     | ||   | || | |||  | || |   ||  ||     | || ||
Db    833 TATGTACATAATAATTAAATGTTGAAATTTATGAAATACTTTTATGAATTTAGATAATTT 892

Qy    325 TTTATATTTTATACATTAACTTCAGCCAGCTATTGATATAAATAAAACATTTTCACACAA 384
          || |   ||  || | |   || | | |   | | || || ||||||  | ||      ||
Db    893 TTAAATATTGTTAAAATTTATTGAACTAAAAAGTAATGTACATAAAATAATTCATGTTAA 952

Qy    385 TACAATAAGTTAACTATTTTATTTTCTAATGTG 417
                ||   ||  |||   |||  |   | ||
Db    953 AGATGGAACAAAATAATTAACTTTACATGTTTG 985


RESULT 8
US-09-820-893-28/c
; Sequence 28, Application US/09820893
; Patent No. US20020076705A1
; GENERAL INFORMATION:
;  APPLICANT: Rosen et al.
;  TITLE OF INVENTION: 31 Human Secreted Proteins
;  FILE REFERENCE: PZ033P1
;  CURRENT APPLICATION NUMBER: US/09/820,893
;  CURRENT FILING DATE:  2001-03-30
;  PRIOR APPLICATION NUMBER: 09/531,119
;  PRIOR FILING DATE: 2000-03-20
;  PRIOR APPLICATION NUMBER: 60/102,895
;  PRIOR FILING DATE: 1998-10-02
;  NUMBER OF SEQ ID NOS: 140
;  SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 28
;   LENGTH: 1378
```

```
;   TYPE: DNA
;   ORGANISM: Homo sapiens
US-09-820-893-28

  Query Match             8.2%;  Score 36.8;  DB 10;  Length 1378;
  Best Local Similarity   50.4%;  Pred. No. 6.2;
  Matches  115;  Conservative    0;  Mismatches  112;  Indels    1;  Gaps    1;

Qy     214 ATCAACCCTAAAAAGCAGAGCTTTGCTTCTCTCTCTAAAATGAGTTACCTACATTTTAAT 273
           ||| ||  |     |  | |||  ||| || ||| |||  |   |  || ||| | |  |
Db    1035 ATCCTCCAAAGTCTACCCAACTTGTCTTTTCCCTCCAAACTCCCTCCCCCACACTATTCT 976

Qy     274 GCACCTGAATGTTAGATAGTTACTATATGCCGCTACAAAAAGGTAAAACTTTTTATATTT 333
           || || |   |  ||  |  |        ||||    | | ||   |    ||||| |
Db     975 TGACTTGCAAACTTAATTTTCCCCTCCCCGTGCTATGCTATGATACTCCAAAATATATAT 916

Qy     334 TATACATTAACTTCAGCCAGCTATTGATATAAATAAAACATTTTCACACAATACAATAAG 393
           | |||||   ||  |||    | || |     ||  | |||||| | || ||||  ||
Db     915 TTTACATGTTCTGGAGCATCATGTTTACTGGTATTTATCATTTTGATACTATACC-TACC 857

Qy     394 TTAACTATTTTATTTTCTAATGTGCCTAGTTCTTTCCCTGCTTAATGA 441
           ||  ||| | | |||   | |    || | ||||   ||   ||| |
Db     856 TTTTCTAGTATTTTTATAATTTGTTATAATGCTTTTGATGACAAATTA 809


RESULT 9
US-09-880-107-3428/c
; Sequence 3428, Application US/09880107
; Patent No. US20020142981A1
; GENERAL INFORMATION:
;  APPLICANT: Horne, Darci T.
;  APPLICANT:  Vockley, Joseph G.
;  APPLICANT:  Scherf, Uwe
;  APPLICANT:  Gene Logic, Inc.
;  TITLE OF INVENTION: Gene Expression Profiles in Liver Cancer
;  FILE REFERENCE: 44921-5028-WO
;  CURRENT APPLICATION NUMBER: US/09/880,107
;  CURRENT FILING DATE:  2001-06-14
;  PRIOR APPLICATION NUMBER: US 60/211,379
;  PRIOR FILING DATE: 2000-06-14
;  PRIOR APPLICATION NUMBER: US 60/237,054
;  PRIOR FILING DATE: 2000-10-02
;  NUMBER OF SEQ ID NOS: 3950
;  SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3428
;   LENGTH: 99014
;   TYPE: DNA
;   ORGANISM: Homo sapiens
;   FEATURE:
;   OTHER INFORMATION: Genbank Accession No. US20020142981A1 U78027
US-09-880-107-3428

  Query Match             8.1%;  Score 36.4;  DB 10;  Length 99014;
  Best Local Similarity   50.0%;  Pred. No. 28;
  Matches   91;  Conservative    0;  Mismatches   91;  Indels    0;  Gaps    0;

Qy     230 AGAGCTTTGCTTCTCTCTCTAAAATGAGTTACCTACATTTTAATGCACCTGAATGTTAGA 289
           ||| | |  | |  | ||| |   || || ||         | | || || ||  | |
Db   53896 AGATCGTGCCATTGCACTCCAGCCTGGGTGACAAGAGCGAAACTCCATCTCAAAATAAAT 53837

Qy     290 TAGTTACTATATGCCGCTACAAAAAGGTAAAACTTTTTATATTTTATACATTAACTTCAG 349
           | | | || ||      | ||| |  ||||    |  ||||||  |  | |||  |  |
Db   53836 AAATAAATAAATAAATAAATAAATAAATAAATAAATAAATATTTGTTGGACTAAACTATG 53777

Qy     350 CCAGCTATTGATATAAATAAAACATTTTCACACAATACAATAAGTTAACTATTTTATTTT 409
           | | | |||| || | || |  |  | | | ||   |  || || |  ||   | |||
Db   53776 ACTGGTTTTGAAATTAGTATATGAAGTGTAAAGAAGTTACCAACTTGAGCATGCCAGTTT 53717

Qy     410 CT 411
           ||
Db   53716 CT 53715


RESULT 10
US-09-754-853A-2/c
; Sequence 2, Application US/09754853A
; Publication No. US20030005491A1
; GENERAL INFORMATION:
;  APPLICANT: Hauge, Brian M.
;  APPLICANT:  Parnell, Laurence D.
;  APPLICANT:  Parsons, Jeremy D.
;  APPLICANT:  Wang, Ming Li
;  TITLE OF INVENTION: Nucleic Acid Molecules And Other Molecules Associated With
;  TITLE OF INVENTION:  Soybean Cyst Nematode Resistance
;  FILE REFERENCE: 38-10(15810)B
;  CURRENT APPLICATION NUMBER: US/09/754,853A
;  CURRENT FILING DATE:  2001-01-05
;  PRIOR APPLICATION NUMBER: US 60/174,880
;  PRIOR FILING DATE: 2000-01-07
;  NUMBER OF SEQ ID NOS: 1119
; SEQ ID NO 2
;   LENGTH: 335913
;   TYPE: DNA
;   ORGANISM: Glycine max
;   FEATURE:
;   NAME/KEY: CDS
;   LOCATION: (45163)..(45314),(45450)..(45509),(46941)..(48763),(48975)..(49573)
;   OTHER INFORMATION: Clone ID: 240O17_region_G3
US-09-754-853A-2

  Query Match             8.1%;  Score 36.4;  DB 9;  Length 335913;
  Best Local Similarity   54.5%;  Pred. No. 39;
  Matches   73;  Conservative    0;  Mismatches   61;  Indels    0;  Gaps    0;

Qy     310 AAAAAGGTAAAACTTTTTATATTTTATACATTAACTTCAGCCAGCTATTGATATAAATAA 369
           | |||   |||||  | ||  | |||| | | ||  | ||   |    || || | |||||
Db  129296 AGAAACTAAAAACATATTTAAGTTTAAATAATATATGCACAAATACTTTTATTTTAATAA 129237

Qy     370 AACATTTTCACACAATACAATAAGTTAACTATTTTATTTTCTAATGTGCCTAGTTCTTTC 429
            | |||||||  |  ||| | |   |||      |||||||  ||   | | |    |
Db  129236 TAAATTTTCATATGATAAACTTTTTTATAATAATTATTTTAAAAGTCGTCAAAAAATCGG 129177

Qy     430 CCTGCTTAATGAAA 443
           || || ||  ||
Db  129176 ATTGGTTGATATAA 129163


RESULT 11
US-09-754-853A-3/c
; Sequence 3, Application US/09754853A
; Publication No. US20030005491A1
; GENERAL INFORMATION:
;  APPLICANT: Hauge, Brian M.
;  APPLICANT:  Parnell, Laurence D.
;  APPLICANT:  Parsons, Jeremy D.
;  APPLICANT:  Wang, Ming Li
;  TITLE OF INVENTION: Nucleic Acid Molecules And Other Molecules Associated With
;  TITLE OF INVENTION:  Soybean Cyst Nematode Resistance
;  FILE REFERENCE: 38-10(15810)B
;  CURRENT APPLICATION NUMBER: US/09/754,853A
;  CURRENT FILING DATE:  2001-01-05
;  PRIOR APPLICATION NUMBER: US 60/174,880
;  PRIOR FILING DATE: 2000-01-07
;  NUMBER OF SEQ ID NOS: 1119
; SEQ ID NO 3
;   LENGTH: 335913
;   TYPE: DNA
;   ORGANISM: Glycine max
;   FEATURE:
;   NAME/KEY: CDS
;   LOCATION: (46798)..(48763),(48975)..(49573)
;   OTHER INFORMATION: Clone ID: 240O17_region_G3
US-09-754-853A-3

  Query Match             8.1%;  Score 36.4;  DB 9;  Length 335913;
  Best Local Similarity   54.5%;  Pred. No. 39;
```

```
  Matches   73;  Conservative    0;  Mismatches   61;  Indels    0;  Gaps    0;

Qy    310 AAAAAGGTAAAACTTTTTATATTTTATACATTAACTTCAGCCAGCTATTGATATAAATAA 369
          | |||   ||||| | ||  | |||| | | ||  | ||   |    || || | |||||
Db 129296 AGAAACTAAAAACATATTTAAGTTTAAATAATATATGCACAAATACTTTTATTTTAATAA 129237

Qy    370 AACATTTTCACACAATACAATAAGTTAACTATTTTATTTTCTAATGTGCCTAGTTCTTTC 429
           | ||||||| |  ||| | |   |||      |||||||  ||   | | |    |
Db 129236 TAAATTTTCATATGATAAACTTTTTTATAATAATTATTTTAAAAGTCGTCAAAAAATCGG 129177

Qy    430 CCTGCTTAATGAAA 443
            || || ||  ||
Db 129176 ATTGGTTGATATAA 129163


RESULT 12
US-09-764-855-247
; Sequence 247, Application US/09764855
; Patent No. US20020119919A1
; GENERAL INFORMATION:
;  APPLICANT: Rosen et al.
;  TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
;  FILE REFERENCE: PA110
;  CURRENT APPLICATION NUMBER: US/09/764,855
;  CURRENT FILING DATE:  2001-01-17
;  Prior application data removed - consult PALM or file wrapper
; NUMBER OF SEQ ID NOS: 334
;  SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 247
;   LENGTH: 17431
;   TYPE: DNA
;   ORGANISM: Homo sapiens
US-09-764-855-247

  Query Match             8.1%;  Score 36.2;  DB 10;  Length 17431;
  Best Local Similarity   62.9%;  Pred. No. 18;
  Matches   56;  Conservative    0;  Mismatches   33;  Indels    0;  Gaps    0;

Qy    360 ATATAAATAAAACATTTTCACACAATACAATAAGTTAACTATTTTATTTTCTAATGTGCC 419
          | |||||||||  |  ||   | || | || ||| |   ||||||||||  |||   |
Db   1761 AAATAAATAAATAAAATTTTAAAAAAATAAAAAGATGTGTATTTTATTTAATAAAAAGAA 1820

Qy    420 TAGTTCTTTCCCTGCTTAATGAAAAGCTT 448
            ||||| |||| || |||| | |  ||
Db   1821 AGCTTCTTCCCCTCCTCAATGTAGAAATT 1849


RESULT 13
US-09-070-927A-110
; Sequence 110, Application US/09070927A
; Patent No. US20020120116A1
;   GENERAL INFORMATION:
;        APPLICANT: Charles A. Kunsch
;                   Patrick J. Dillon
;                   Steven Barash
;        TITLE OF INVENTION: Enterococcus faecialis Polynucleotides and Polypeptides
;        NUMBER OF SEQUENCES: 982
;        CORRESPONDENCE ADDRESS:
;             ADDRESSEE: Human Genome Sciences, Inc.
;             STREET: 9410 Key West Avenue
;             CITY: Rockville
;             STATE: Maryland
;             COUNTRY: USA
;             ZIP: 20850
;        COMPUTER READABLE FORM:
;             MEDIUM TYPE: Diskette, 3.50 inch, 1.4Mb storage
;             COMPUTER: HP Vectra 486/33
;             OPERATING SYSTEM: MSDOS version 6.2
;             SOFTWARE: ASCII Text
;        CURRENT APPLICATION DATA:
;             APPLICATION NUMBER: US/09/070,927A
;             FILING DATE: 04-May-2000
;             CLASSIFICATION: <Unknown>
;        PRIOR APPLICATION DATA:
;             APPLICATION NUMBER: 60/046,655
;             FILING DATE: 1997-05-16
;             APPLICATION NUMBER: 60/044,031
;             FILING DATE: 1997-05-06
;             APPLICATION NUMBER: 60/066,009
;             FILING DATE: 1997-11-14
;        ATTORNEY/AGENT INFORMATION:
;             NAME: Kenley K. Hoover
;             REGISTRATION NUMBER: 40,302
;             REFERENCE/DOCKET NUMBER: PB369
;        TELECOMMUNICATION INFORMATION:
;             TELEPHONE: (301) 309-8504
;             TELEFAX: (301) 309-8512  .
;   INFORMATION FOR SEQ ID NO: 110:
;        SEQUENCE CHARACTERISTICS:
;             LENGTH: 21591 base pairs
;             TYPE: nucleic acid
;             STRANDEDNESS: double
;             TOPOLOGY: linear
;        SEQUENCE DESCRIPTION: SEQ ID NO: 110:
US-09-070-927A-110

  Query Match             8.0%;  Score 36;  DB 10;  Length 21591;
  Best Local Similarity   52.7%;  Pred. No. 22;
  Matches   78;  Conservative    0;  Mismatches   70;  Indels    0;  Gaps    0;

Qy    267 TTTTAATGCACCTGAATGTTAGATAGTTACTATATGCCGCTACAAAAAGGTAAAACTTTT 326
          || || |  |  |   | | |||| | | ||||||  ||| ||| | |  | ||  ||
Db   8651 TTATATTTGAATTTTTTTTCAGATTATCATTATATGTTTCTAAAAATAATTTTAAAACTT 8710

Qy    327 TATATTTTATACATTAACTTCAGCCAGCTATTGATATAAATAAAACATTTTCACACAATA 386
          | |    |   | | || | |  |   | |||||||  |||| ||||| |      ||
Db   8711 TTTCAGGTTGCCTTATACCTAATACTTTTCTTGATATTTCTAAACCATTTACCTTTTTTA 8770

Qy    387 CAATAAGTTAACTATTTTATTTTCTAAT 414
           ||    ||    ||| |||||  | ||
Db   8771 TAAACCATTTTTGATTGTATTTCATTAT 8798


RESULT 14
US-09-774-414-2
; Sequence 2, Application US/09774414
; Patent No. US20020102231A1
; GENERAL INFORMATION:
;  APPLICANT: The Institute of Physical and Chemical Research
;  TITLE OF INVENTION: Endonuclease
;  FILE REFERENCE: PH-651
;  CURRENT APPLICATION NUMBER: US/09/774,414
;  CURRENT FILING DATE:  2001-01-31
;  PRIOR APPLICATION NUMBER: 09/306,970
;  PRIOR FILING DATE: 1999-05-07
;  NUMBER OF SEQ ID NOS: 38
;  SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2
;   LENGTH: 1431
;   TYPE: DNA
;   ORGANISM: Saccharomyces cerevisiae
;   FEATURE:
;   NAME/KEY: CDS
;   LOCATION: (1)..(1428)
US-09-774-414-2

  Query Match             8.0%;  Score 35.8;  DB 10;  Length 1431;
  Best Local Similarity   54.1%;  Pred. No. 11;
  Matches   73;  Conservative    0;  Mismatches   62;  Indels    0;  Gaps    0;

Qy    310 AAAAAGGTAAAACTTTTTATATTTTATACATTAACTTCAGCCAGCTATTGATATAAATAA 369
          |||||   ||      || ||||||||  ||  |  | |   |  |  | |  ||  | |
Db      5 AAAAACAAAATTTAAATTCTATTTTATTAATGTATATTAATTATATTATTAATTATTTTA 64

Qy    370 AACATTTTCACACAATACAATAAGTTAACTATTTTATTTTCTAATGTGCCTAGTTCTTTC 429
          |  || |||| | ||  |||| |   ||  | |  ||| |  ||| ||  ||  | | |
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Db      65 ATAATATTCATAAAAATCAATTAAAAAAAGACTGGATTATGGAATATGAATATATGTATA 124

Qy     430 CCTGCTTAATGAAAA 444
           |  |||||||| |
Db     125 AATTTTTAATGAATA 139


RESULT 15
US-09-263-959-1
; Sequence 1, Application US/09263959
; Patent No. US20020150891A1
;  GENERAL INFORMATION:
;    APPLICANT:  Hood, Leroy E.
;    APPLICANT:  Rowen, Lee
;    APPLICANT:  Koop, Ben F.
;    TITLE OF INVENTION:  DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
;    NUMBER OF SEQUENCES:  1279
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Seed and Berry LLP
;      STREET:  6300 Columbia Center, 701 Fifth Avenue
;      CITY:  Seattle
;      STATE:  Washington
;      COUNTRY:  US
;      ZIP:  98104-7092
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.25
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/09/263,959
;      FILING DATE:  05-MAR-1999
;      CLASSIFICATION:
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  McMasters, David D.
;      REGISTRATION NUMBER:  33,963
;      REFERENCE/DOCKET NUMBER:  920010.426C2
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (206) 622-4900
;      TELEFAX:  (206) 682-6031
;  INFORMATION FOR SEQ ID NO:  1:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  684973 base pairs
;      TYPE:  nucleic acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
US-09-263-959-1

  Query Match             7.9%;  Score 35.6;  DB 10;  Length 684973;
  Best Local Similarity   54.8%;  Pred. No. 73;
  Matches   91;  Conservative    0;  Mismatches   74;  Indels    1;  Gaps    1;

Qy     248 CTAAAATGAGTTACCTACATTTTAATGCACCTGAATGTTAGATAGTTACTATATGCCGCT 307
           | || ||   |||  || |||||||| ||  |  |    | | | || ||||||     |
Db  438277 CAAATATATTTTATGTAAATTTTAATACAAATATAAAAAATACATTTTCTATATAAGTAT 438336

Qy     308 ACAAAAAGGTAAAACTTTTTATATTTTATACATTAACTTCAGCCAGCTATTGATATAAAT 367
           | | |||     |  | |  || | || || |  |  |  |   |  |||  ||||||||
Db  438337 ATATAAATACTTATATATAAATGTATTTTATA-CATTTATATATAAATATATATATAAAT 438395

Qy     368 AAAACATTTTCACACAATACAATAAGTTAACTATTTTATTTTCTAA 413
           | |   || |     |||||||  | |||  ||| ||  | | |||
Db  438396 ATATATTTATATATAAATACAAATACTTATATATATTTATATATAA 438441


Search completed: February 24, 2003, 17:24:38
Job time : 1122.32 secs
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